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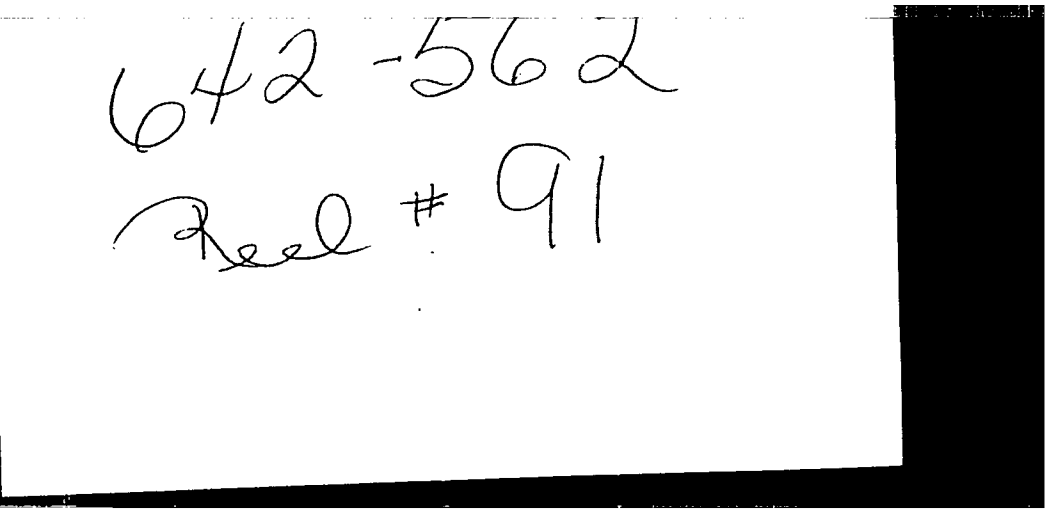

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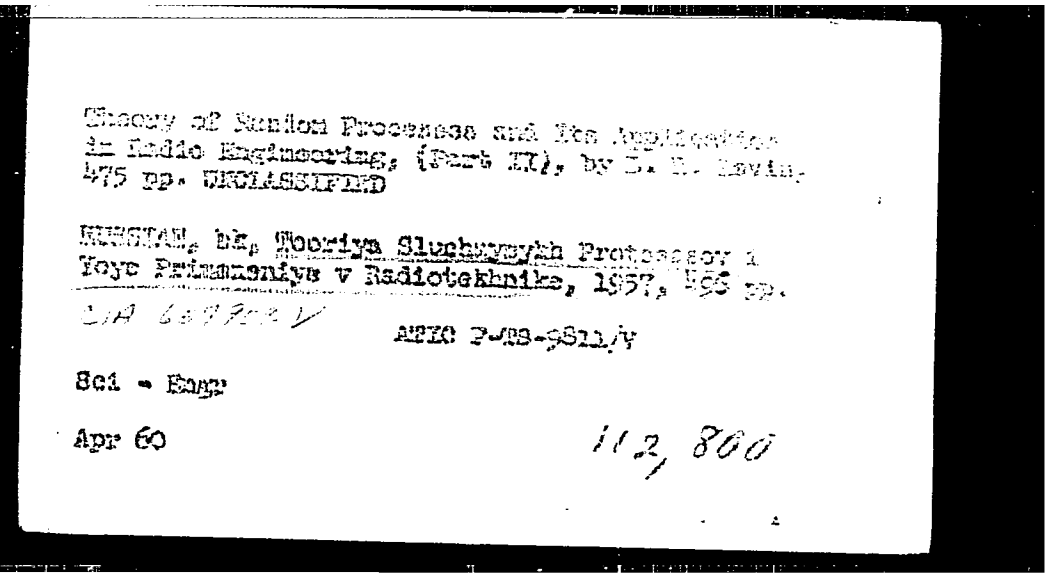

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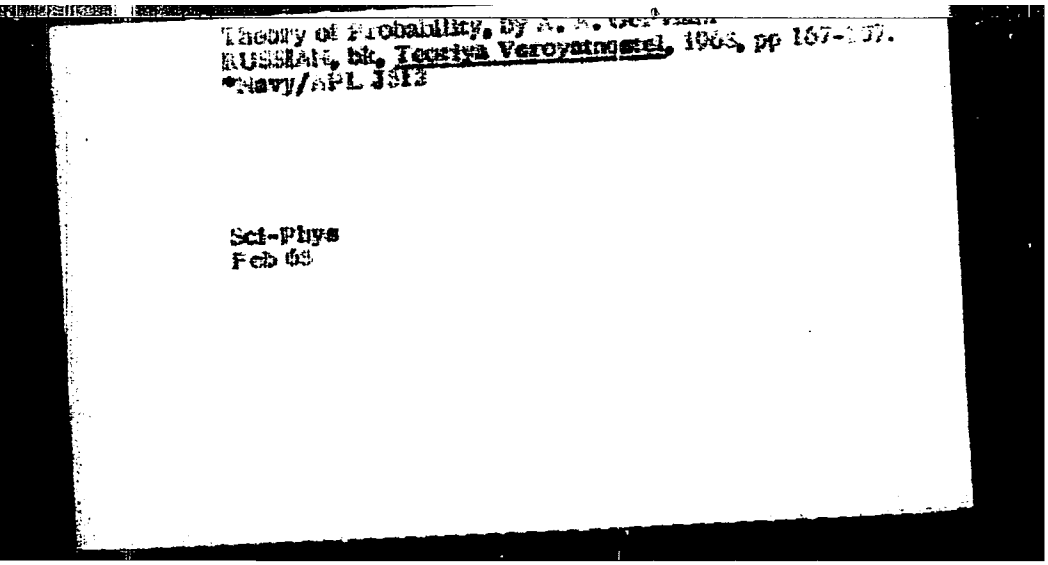

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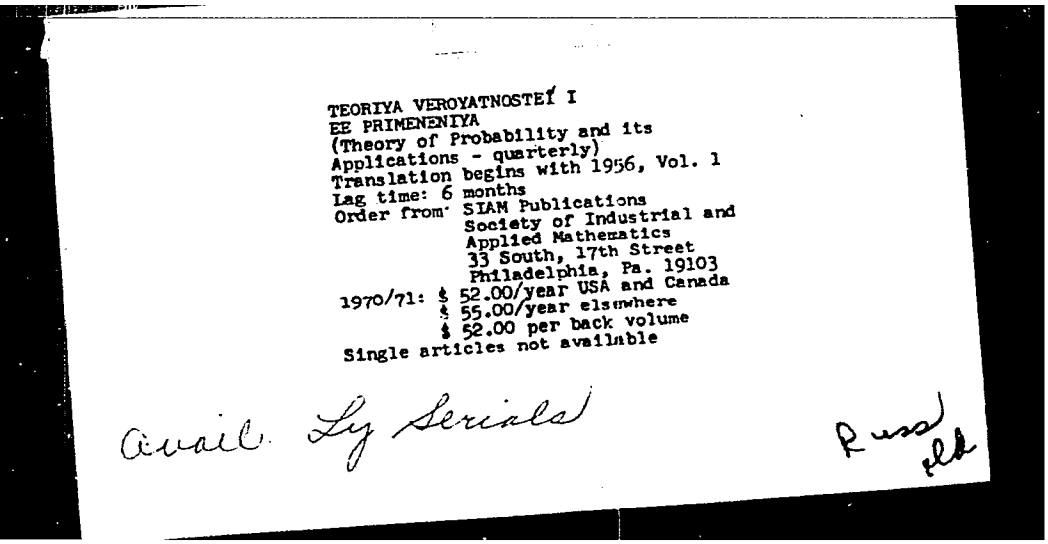

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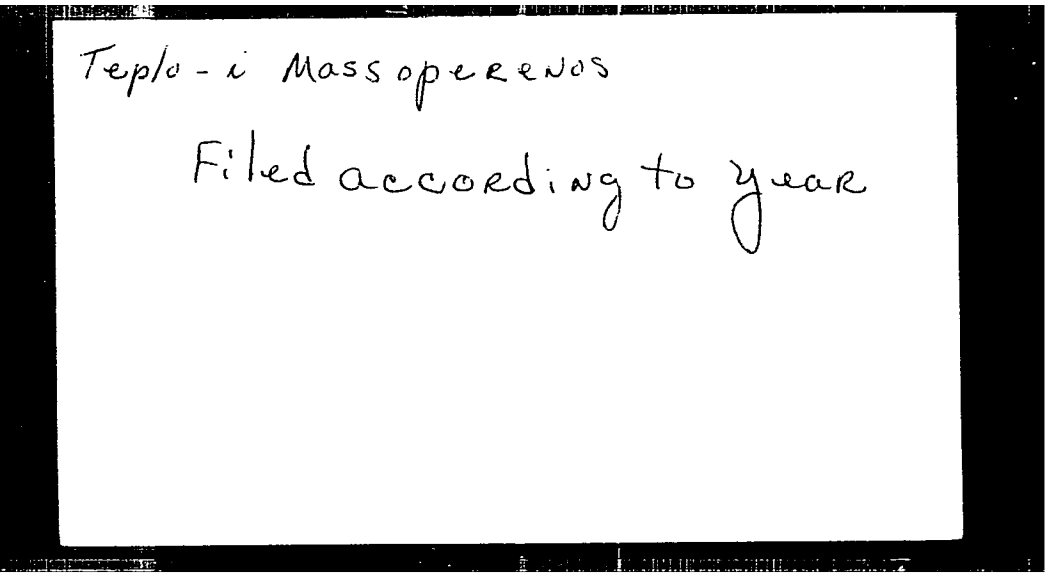

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DESCRIPTORS: Flowmeters, Ultrasonic radiation, Sound

(Physics--Acoustics, 20 Aug 63)

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DESCRIPTORS: *Water, *Steam, Specific heat, Thermodynamics, Calorimeters, Heat transfer, Nuclear isobars.

In all, 240 experimental values of specific heat obtained on five isobars--300, 350, 400, 450, and 500 atm--in the temperature interval from 200 to 660 °C.

(Physics--Thermodynamics, TT, v. 7, no. 12)

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I. Sheindlin, A. E.

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Order from LC or SLA mi$1.80, ph$1.80 61-15200

Trans. of Teploenergetika (USSR) 1955 [v. 2] no. 1, p. 27-31.

Experimental results obtained by American research workers (Hawkins, Solberg, and Potter) as to the viscosity of steam are criticized; the reasons for their mistakes in analyzing the results of their tests are shown, and it is proved that their hypothesis that viscosity is largely dependent on pressure is wrong. (Author)

(Chemistry--Physical, TT, v. 5, no.7)

61-15200

1. Steam--Viscosity
I. Timrot, D. L.
II. RTS-1731
III. Department of Scientific and Industrial Research (Gt. Brit.)

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FSTC 881-T64-110
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Sci - Engineering, Fuels 35,696

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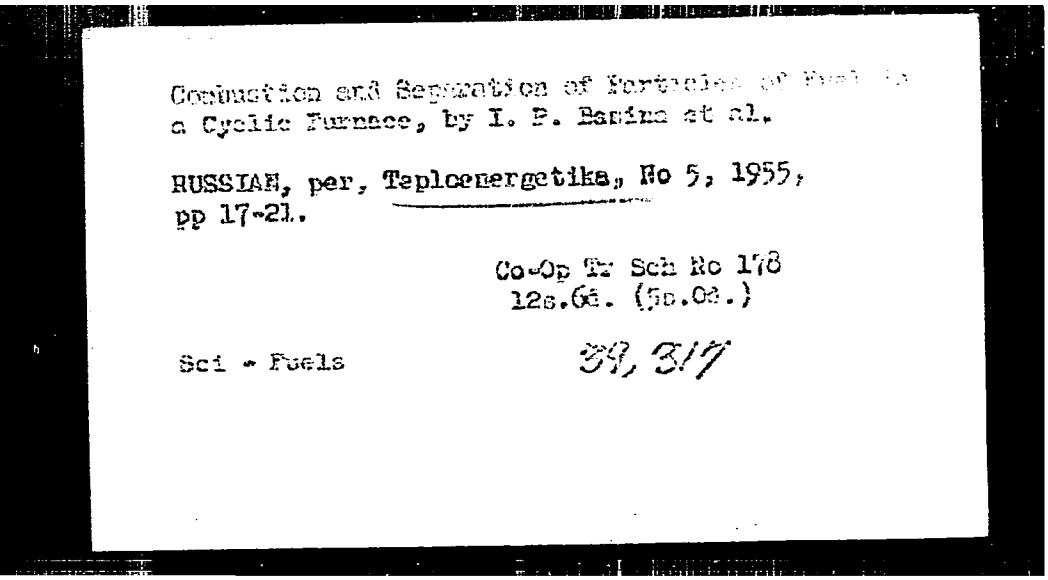

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